

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08548

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F23M7/04 F23R3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F23M F23R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 09 568 A (SIEMENS AG) 19 August 1999 (1999-08-19) cited in the application column 2, line 4 - line 36 column 2, line 45 - line 51 column 3, line 7 - line 24 column 4, line 21 - line 43 column 5, line 24 - line 37	1-4
A	US 6 415 724 B1 (ALBRECHT MELVIN J ET AL) 9 July 2002 (2002-07-09) column 1, line 61 -column 2, line 12 column 2, line 39 - line 57	1,2
A	US 5 333 443 A (HALILA ELY E) 2 August 1994 (1994-08-02) figures 3-5 column 6, line 30 -column 7, line 27	5,7
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
15 December 2003	22/12/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Mougey, M

Form PCT/ISA/210 (second sheet) (July 1992)

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08548

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 480 436 A (MACLIN HARVEY M) 6 November 1984 (1984-11-06) column 3, line 20 - line 35 column 4, line 3 - line 30 column 5, line 1 - line 11 figure 3 ---	5-7
A	US 5 624 256 A (PFEIFFER ANDREAS ET AL) 29 April 1997 (1997-04-29) column 3, line 24 - line 40 column 4, line 64 - line 34 figure 1 ---	6,7
A	GB 626 249 A (BABCOCK & WILCOX LTD) 12 July 1949 (1949-07-12) page 1, column 1, line 9 - line 26 page 2, column 2, line 120 -column 3, line 5 page 4, line 3 - line 44 ---	1-3

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08548

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19809568	A	19-08-1999	DE	19809568 A1		19-08-1999
US 6415724	B1	09-07-2002	NONE			
US 5333443	A	02-08-1994	US	5363643 A		15-11-1994
US 4480436	A	06-11-1984	NONE			
US 5624256	A	29-04-1997	DE	19502730 A1		01-08-1996
			EP	0724116 A2		31-07-1996
			JP	8296976 A		12-11-1996
GB 626249	A	12-07-1949	NONE			